

**1371-MOBL-XXXX:** Design a military road (New Event)

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**BILLETS:** Platoon Sergeant, Operations Chief

**GRADES:** SSgt, GySgt, MSgt

**INITIAL TRAINING SETTING:** FORMAL

**CONDITION:** Given a tactical situation, a map, an operations order, task organization of equipment and personnel, and references.

**STANDARD:** To meet or exceed traffic support requirements in the concept of operations.

**PERFORMANCE STEPS:**

1. Analyze mission requirements.
2. Conduct reconnaissance of proposed road.
3. Determine design life of road.
4. Determine number and type of vehicles that will use the road during its design life.
5. Design the subgrade.
6. Design the base.
7. Determine compaction requirements for each layer.
8. Illustrate final design.
9. Determine logistics requirements to support construction.
10. Determine task organization of personnel and equipment.
11. Recommend road design and requirements to commander.

**REFERENCES:**

1. MCRP 3-17.7A Planning and Design of roads, Airfields, and Heliports in the Theater of Operations - Road Design
2. MCRP 3-17.7G Military Soils Engineering
3. MCRP 3-17.7H Materials Testing
4. MCWP 3-17 Engineer Operations
5. MCRP 3-17A Engineer Field Data

**SUPPORT REQUIREMENTS:**

**UNITS/PERSONNEL:**